Regional Transportation and Climate Change Multimodal Measures Study

Transportation Committee

METROPOLITAN COUNCIL

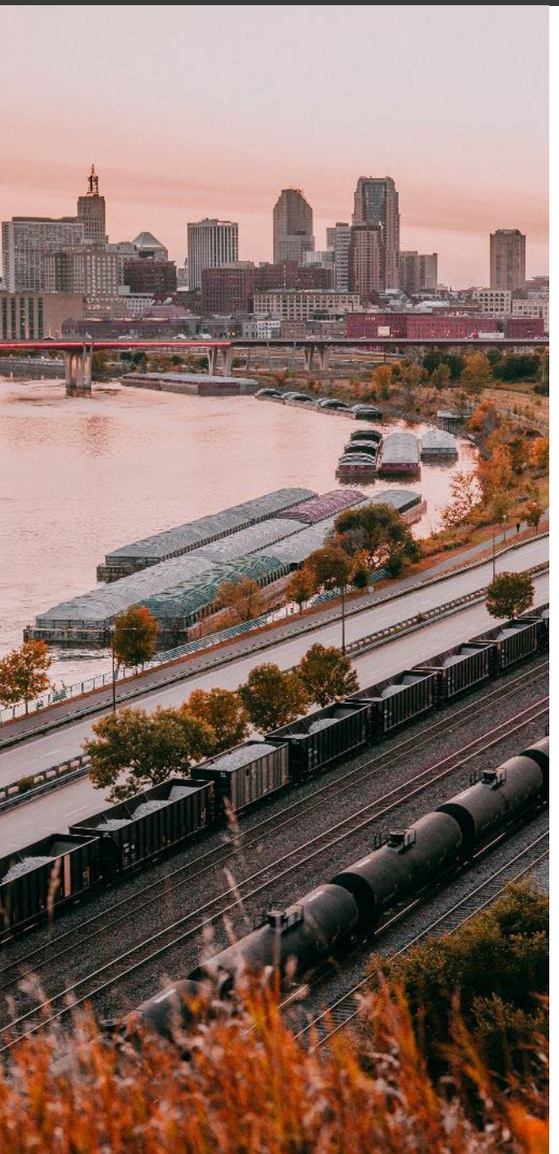
January 23, 2023

Objectives

- **Issue:** Improved completeness and precision in estimating changes in greenhouse gases (GHGs) resulting from investment decisions can help policy makers and staff make decisions that reflect their impacts on the climate

- Evaluate and improve greenhouse gas estimation in 2050 TPP and Regional Solicitation for mobility projects
- Consider possibilities of GHG estimation in 4-year Transportation Improvement Program
- Comprehensive science-based estimates of resulting greenhouse gases for projects and programs of projects
- Methodologies that can be practically implemented
- Identify types of projects with the greatest positive and negative impacts
- Improved information for staff and policy makers

Scope



- Task 1: Project Management
  - Meetings, presentations, final report and executive summary
- Task 2: Inventory and evaluate GHG estimation in regional solicitation, 2050 TPP and 4-year Transportation Improvement Program
- Task 3: Summarize best practices from other transportation agencies
- Task 4: Recommend methodologies for GHG estimation
- Task 5: Update GHG inventory and business-as-usual forecasting tool
- Task 6: Demonstrate methodologies in example projects/ programs

- Task 7 Optional: Explore & evaluate how GHG mitigation could occur
- Task 8 Optional: Capturing Induced Vehicle Travel Effects

Status

- Action documented in Climate Action Work Plan
- Contract finalized in December 2022
- Approx. $300,000 study budget, drafting additional scope for evaluating electrification, travel demand management
- Currently sharing study overview with Transportation Committee, TAB, TAC, TAC Planning & Funding and Programming
- Draft results by spring/summer can inform next regional solicitation
- Draft results by summer/fall can inform 2050 Transportation Policy Plan

Thank you

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